LABDEX

Benchtop Vacuum Oven LX701BVOA

Email: info@labdex.com **website:** www.labdex.com

Description

Benchtop Vacuum Oven LX701BVOA is benchtop vacuum oven with surrounding heating method. Dynamic self-diagnostic control technology helps to prevent any failures or damage to the equipment as well as makes detection easy.

Specifications

Chamber volume	50 L
Control	PID microprocessor
Display	LED display
Convection method	Horizontal forced convection (Fan)
Temperature control range	Room temperature +10℃~200℃
Temperature accuracy	±2℃ at 100℃
Temperature fluctuation	±1℃
Timer	1min-99hr
Material	Steel (Powder Coating)
Shelf quantity (std. /max.)	2/2 pcs
Vacuum degree	60Pa
Heating method	Surrounding Heating
Power	1300W
Power supply	220V / 50Hz
Internal dimensions	415 x 370 x 345 mm

External dimensions	710 x 510 x 530 mm
Net weight	71 kg
Packing dimensions	780 x 650 x 700 mm
Gross weight	87 Kg

Features

- Steel powder coated working chamber and housing
- Surrounding heating: chamber is heated on 4 sides
- Dual-layer toughened glass window on the front door
- Adjustable door locking tightness
- Closed-cell silicon gasket ensuring high vacuum degree
- Temperature controller with high-speed and performance CPU chip
- High-sensitivity and precision PT100 as resistance sensor
- Preset programmed control with timing range up to 99 hours for power-on, power-off and working
- Multiple alarms for sensor failure, high/low-temperature deviation, over temperature
- Can store the parameters given in the memory
- Temperature display calibration
- Vacuum oil backflow proof

Applications

- Applicable to such tests as drying heat treatment of articles under vacuum conditions in scientific research, medical, and industry, especially for the drying of material which is thermo-sensitive or de-compounded and oxidative easily.

Optional Accessories

- Independent temperature control and alarming system to provide dual protections and stop working in case of over-temperature
- Inert gas port
- Inert gas flow meter
- Digital vacuum meter
- Vacuum pump (2L/sec, 7/16-20UNF-2B connector)

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

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